

12/31/01  
J1131 U.S. PTO

J1050 U.S. PTO  
10/029669  
12/31/01

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ZHANG et al.  
Appl. No. : To Be Assigned Examiner: To Be Assigned  
Filed : December 31, 2001 Art Unit: To Be Assigned  
For : DYNAMICALLY ESTIMATING ECHO RETURN LOSS IN A  
COMMUNICATION LINK

Attorney Docket Number: TI-33136 (1.123US)

REQUEST FOR FORMAL PATENT APPLICATION

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Enclosed is a new patent application for filing today. The details regarding this application are as follows.

Title: DYNAMICALLY ESTIMATING ECHO RETURN LOSS IN  
A COMMUNICATION LINK

Inventors: ZHANG, Yimin  
12420 Great Park Circle, #301  
Germantown, Maryland 20876  
Citizenship: P.R. China

KOSANOVIC, Bogdan  
5411 Glenwood Road  
Bethesda, Maryland 20817  
Citizenship: FR Yugoslavia

Attached is an application for patent including specification, claims, abstract of the disclosure, 4 sheets of formal drawings, and inventors' declaration.

10029669-123101

Request for Formal Patent Application  
Attorney Docket No. TI-33136 (1.123US)  
December 31, 2001  
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**CALCULATION OF FEE**

Basic Fee \$ 740.00  
Additional Fees:  
Number of independent claims is 3.  
Number of dependent claims is 17.  
Number of total claims is 20.

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**TOTAL FEES FOR THE ABOVE APPLICATION \$ 740.00**

Please charge \$740 for the filing fee to Deposit Account  
Number 20-0668. A duplicate copy of this page is enclosed.

Please address all correspondence regarding this application  
to the person named below:

Warren Franz  
Texas Instruments Incorporated  
P.O. Box 655474  
MS 3999  
Dallas, Texas 75265

Respectfully submitted,

31 Dec. 2001  
\_\_\_\_\_  
Date

*Paul J. Dintz* Reg. No. 30,752  
*for* Warren Franz  
Registration No. 28,716

Texas Instruments Incorporated  
P.O. Box 655474  
MS 3999  
Dallas, Texas 75265

(972) 917-5293

1002959-103101  
"FILED"